

CONTENTS

Structural studies by ^1H - and ^{13}C -n.m.r. spectroscopy and circular dichroism of acetylated α - and β -D-gluco- and -manno-pyranosylarenes V. Bellosta, C. Chassagnard, and S. Czernecki (Paris, France)	1
Crystal structure of ethyl 3,4,6-tri- <i>O</i> -acetyl-2-deoxy-2-hydroxyimino- α -D-arabino-hexopyranoside Z. Ciunik (Wrocław, Poland), R. Szweda, and Z. Smiatacz (Gdańsk, Poland)	9
Isolation and characterization of a diferuloyl arabinoxylan hexasaccharide from bamboo shoot cell-walls T. Ishii (Ibaraki, Japan)	15
A differential scanning calorimetry study of glass and melting transitions in starch suspensions and gels H. Liu and J. Lelièvre (Wolfville, N.S., Canada)	23
Synthesis and characterization of 2- <i>O</i> - β -lactosylglycerol, 1,2-di- <i>O</i> - β -lactosyl-(<i>R,S</i>)-glycerols, and 1,2,3-tri- <i>O</i> - β -lactosylglycerol L. J. J. Hronowski, W. A. Szarek, G. W. Hay, A. Krebs, and W. T. Depew (Kingston, Ont., Canada)	33
Synthesis and characterization of 6- <i>O</i> - β -lactosyl- α,β -D-mannopyranoses and 2,6-di- <i>O</i> - β -lactosyl- α,β -D-mannopyranoses L. J. J. Hronowski, W. A. Szarek, G. W. Hay, E. R. Ison, A. Krebs, and W. T. Depew (Kingston, Ont., Canada)	51
Synthesis of glycopeptides from the carbohydrate-protein linkage region of proteoglycans S. Rio, J.-M. Beau, and J.-C. Jacquinet (Orléans, France)	71
Thermal polymerization of some glucofuranose derivatives G. N. Richards, T. T. Stevenson, and J. VanDenburg (Missoula, MT, U.S.A.)	91
Formation of trisaccharides (kestoses) by pyrolysis of sucrose M. Manley-Harris and G. N. Richards (Missoula, MT, U.S.A.)	101
Reactions of D-lyxose and D-xylose with 2-methoxypropene under kinetic conditions J. Barbat, J. Gelas, and D. Horton (Columbus, OH, U.S.A.)	115
Purification and analysis of growth-regulating xyloglucan-derived oligosaccharides by high-pressure liquid chromatography G. J. McDougall and S. C. Fry (Edinburgh, Gt. Britain)	123
Peracetylated laminaribiose: preparation by specific degradation of curdlan and its chemical conversion into <i>N</i> -acetylhyalobiuronic acid L.-X. Wang, N. Sakairi, and H. Kuzuhara (Saitama, Japan)	133
Heterogeneity and characterisation of mitogenic and anti-complementary pectic polysaccharides from the roots of <i>Glycyrrhiza uralensis</i> Fisch et D.C. J.-F. Zhao, H. Kiyohara, H. Yamada (Tokyo, Japan), N. Takemoto, and H. Kawamura (Ibaraki, Japan)	149

Partial structure of an anti-ulcer pectic polysaccharide from the roots of <i>Bupleurum falcatum</i> L. H. Yamada, M. Hirano, and H. Kiyohara (Tokyo, Japan)	173
<i>Escherichia coli</i> O9:K38 capsular antigen: another ribofuranose-containing glycan P. L. Hackland, H. Parolis, and L. A. S. Parolis (Grahamstown, South Africa)	193
A method for the solubilization of a (1→3)- β -D-glucan isolated from <i>Saccharomyces cerevisiae</i> D. L. Williams, R. B. McNamee, E. L. Jones, H. A. Pretus, H. E. Ensley, I. W. Browder, and N. R. Di Luzio (New Orleans, LA, U.S.A.)	203
<i>Notes</i>	
Crystal and molecular structure of 1,4-dimethyl-3-(D-galacto-pentitol-1-yl)-5-(p-tolyl)pyrazole M. D. Estrada de Oya and A. Lopez-Castro (Sevilla, Spain)	215
Crystal and molecular structure of <i>N</i> -(2,2-diethoxycarbonylvinyl)- α -D-ribofuranosylamine A. Lopez-Castro, M. J. D. Millan, and S. Perez-Garrido (Sevilla, Spain)	223
N.m.r. studies of some deoxyhexopyranosides and the X-ray structures of methyl 3,4,6-tri- <i>O</i> - acetyl-2-deoxy- β -D-arabino-hexopyranoside and methyl 4,6- <i>O</i> -benzylidene-3-deoxy- α -D- arabino-hexopyranoside E. Lee, N. Melody, P. McArdle, and D. Cunningham (Galway, Ireland)	229
A novel and convenient method for the removal of a nitrate group at the anomeric position F. Gauffeny, A. Marra, L. K. Shi Shun, P. Sinaÿ, and C. Tabeur (Paris, France)	237
Synthesis of 1,2-diamino-1,2-dideoxy-D-glycero-L-manno- and -D-glycero-L-gluco-heptitol M. B. Martinez, P. T. Fernandez, and J. A. Galbis Perez (Seville, Spain)	241
Structural studies of the core region of the lipopolysaccharide from <i>Salmonella minnesota</i> strain R7 (rough mutant chemotype Rd ₁) O. Holst and H. Brade (Borstel, Germany)	247
<i>Preliminary communication</i>	
The structure of <i>Proteus penneri</i> strain 14 O-specific polysaccharide containing D- and L-alanine E. V. Vinogradov, A. S. Shashkov, Yu. A. Knirel, N. K. Kochetkov (Moscow, U.S.S.R.), Z. Sidorczyk, and S. Swierzko (Łódź, Poland)	c1
<i>Announcements</i>	c5
<i>Author index</i>	c7
<i>Subject index</i>	c9
<i>Contents (Vol. 219)</i>	c11

